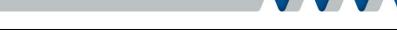


Certificate of Quality



VWR® DISPOSABLE SEROLOGICAL PIPETS

As per the manufacturer, the below product meets the following criteria:

North American Catalog No:	89130-898
EU Article No:	NA
Lot Number:	08718010
Description:	VWR PIPETTE SERO 10ML PR CS200
Manufacturing Date:	03/28/2018
Expiration Date:	03/27/2021

Component Materials:

Pipette Polystyrene, meets USP Cytotoxicity Test <87>. Mouthpiece Plug Polyester, meets USP Cytotoxicity Test <87>.

Ink meets USP Cytotoxicity Test <87>.

Volumetric Accuracy:

This product has been tested and is accurate within +/- 2% at stated full volume.

This manufacturing lot has been sampled and tested in accordance with Standard Operating Procedures and has been released by Quality Assurance for the following characteristics:

Test/Procedure	Results	
Visual Attributes	Pass	
Volumetric Accuracy	Pass	
Packaging	Pass	

Sterilization: The lot has been irradiated and dosimetrically released based on ANSI/AAMI/ISO 11137 "Sterilization of health care products-Requirements for validation and routine control-Radiation sterilization".

Sterility Assurance Level: SAL 10-3

Pyrogens: The product has been tested and has met the criteria established in ANSI/AAMI ST 72:2002/(R) 2010: "Bacterial Endotoxins - Test methodologies, routine testing, and alternative to batch testing". **Results:** </= 0.1 EU/mL (</= 4 EU/device)

DNase/RNase: The product has been tested and has met the criteria established in ANSI/AAMI ST 72:2002/(R) 2010: "Bacterial Endotoxins - Test methodologies, routine testing, and alternative to batch testing". **Results:** </= 0.1 EU/mL (</= 4 EU/device)

Bovine Spongiform Encephalopathy and Transmissible Spongiform Encephalopathy: This product is deemed animal free by virtue of not containing materials of animal origin and/or complies with the latest revision of EMA/410/01 section 6.4.

Signed:

Linda K. Shine

Manager - Supplier Qualification

Global Compliance

VWR International LLC

Date: April 18, 2018